Mountain Weather Forecast

Yorkshire Dales National Park

Forecast valid from 06:00 on Thursday 13 Jul 2023 until 23:59 on Friday 14 Jul 2023

Forecast Issued on Thursday 13 Jul 2023 at 01:09

Confidence: High confidence for changeable theme. Lower confidence for timing and intensity of potentially impactful bad weather on Friday and over the weekend.

Headline for Thursday 13 Jul 2023: Well broken cloud with just the odd shower.

Mountain weather hazards on Thursday 13 Jul 2023

Blizzards No Likelihood	**Heavy persistent snow** No Likelihood	**Storm force winds** No Likelihood
Gales No Likelihood	**Severe chill effect** No Likelihood	**Poor visibility** Low Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** High Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
Cloudy	Cloudy	Cloudy	Sunny intervals	Cloudy	Cloudy
Precipitation probability					
20%	20%	20%	20%	20%	70%

Forecast for Thursday 13 Jul 2023

Weather: While there remains a chance of a few further showers, especially towards the northwest, there will be more in the way of sunshine and shallower, more broken cloud. Eventually warm in the sunshine, although tempered a little by the breeze. The sunshine may turn hazier later under advancing cloud, with rain arriving from the southwest through the evening.

Chance of cloud-free hill tops above 600m: 60% at first becoming 90%, but lowering to 30% through the evening.

Low Cloud and visibility: Broken cloud overnight and in any showers around 500 metres, most above summits by early afternoon with excellent visibility, away from light showers. Cloud base lowering to 400 metres later this evening with moderate visibility in rain.

Check our weather forecast every day to get the most accurate and up to date information
https://www.metoffice.gov.uk/weather/specialist-forecasts/mountain
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Mountain Weather Forecast

Forecast for Thursday 13 Jul 2023

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	14/18 W	15/22 W	17/25 W	16/25 W	15/22 W	10/15 SW	11/16 SW
300	8/17 W	11/21 W	14/25 W	13/24 W	10/20 W	5/13 SW	5/12 S
Valley	5/12 W	9/18 W	12/22 W	11/21 SW	8/16 SW	4/11 SW	6/14 S

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	9/6	10/8	12/9	12/9	12/9	10/8	10/8
300	12/10	14/12	15/13	15/13	14/12	12/11	12/11
Valley	13/12	15/13	16/14	17/14	16/14	14/13	13/12
Freezing Level*	1900m	1900m	1900m	2000m	2000m	2300m	2500m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Recent rainfall: measured at Malham: altitude 375m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
02:00 on Thu 13 Jul 2023	10mm	18.6mm	26.8mm

Forecast for Friday 14 Jul 2023

Weather: Skies clearing overnight with all parts becoming dry. After a bright start to the day cloud will quickly thicken as a band of often heavy and perhaps thundery rain reaches the area by late morning. Heavy rain clearing north-eastwards during the evening.

Maximum wind: Southerly 25 gust 40-45mph

Chance of cloud-free hill tops above 600m: 80% overnight lowering to 30% through the morning, improving to 50% during the evening.

Low Cloud and visibility: Clear with good visibility overnight but broken to overcast layers between 300 and 600 metres arriving from the SW during the morning with poor visibility in heavy rain, cloud lifting a little through the evening with the visibility improving.

Temperature: **Valleys:** Ps 10 becoming Ps 19 Celsius
At 600m: Ps 09 becoming Ps 12 Celsius
Freezing level: Well above summits

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